

REMARKS

The indication that claim 1 would be allowable if rewritten or amended to overcome the rejection under 35 USC 112, second paragraph, is acknowledged.

By the present amendment, claim 1 has been amended to clarify the meaning of the phrase "a phase difference", in that claim 1 has been amended to recite "a phase difference between the phase of the electric current fed to said main antenna probe and a phase of the opposite-phase electric currents fed to said directionally-adjusting antenna probes" while additionally correcting an informality in claim 1 so as to now recite "is" in a range of  $\pi \pm \pi/2$ [rad]. Thus, applicants submit that claim 1, as amended, should now be considered to be in compliance with 35 USC 112, second paragraph, and that claim 1 and its dependent claims should now be in condition for allowance.

By the present amendment, each of dependent claims 3 - 9 have been amended to depend directly from claim 1, such that applicants submit that claims 3 - 9, as amended, should also be considered in allowance with parent claim 1.

As to the rejection of the claims under 35 USC 112, second paragraph, and over the cited art, by the present amendment, claims 3 - 9 have been amended to depend from claim 1, which has been amended to overcome the rejection under 35 USC 112, second paragraph, such that the rejection under 35 USC 112, second paragraph in relation to such claims should be overcome, and claims 10 - 20 have been canceled without prejudice or disclaimer of the subject matter thereof, such that the rejection of such claims over the cited art, has been obviated and a discussion of the cited art in relation thereto is considered unnecessary. Likewise, the rejection of claims 3 - 9 over the cited art has been obviated by the amendment of such claims to

depend from allowable claim 1, and applicants submit that a discussion of the cited art in relation thereto is considered unnecessary.

For the foregoing reasons, applicants submit that claims 1 and 3 - 9, the only claims remaining in this application, should be considered to be in compliance with 35 USC 112, second paragraph, and that such claims patentably distinguish over the cited art, and should now be in condition for allowance. Accordingly, issuance of an action of favorable nature is courteously solicited.

To the extent necessary, applicants petition for an extension of time under 37 CFR 1.136. Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (Case: 500.43242X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

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